TORO. Count on it.

Groundsmaster® 360
Quad-Steer™

FEATURES

- *Quad-Steer™ True all-wheel steering*
- *2-wheel drive and 4-wheel drive models*
- *Kubota® 36 hp, 4-cylinder, liquid-cooled diesel engine*
- *72" width of cut in either side discharge, rear discharge, or Guardian® Recycler® configuration*
- ***New** – 100" width of cut rear discharge deck for non-cab models*
- *CrossTrax® drive system standard for 4-wheel drive model*
- *All season factory-installed safety cabs with AC/heating*
- *Improved operator comfort with isolated seat platform*

Seriously advancing the way you cut grass.

The all-new Toro Groundsmaster 360 reinvents the way a mower performs. Powered by a 36 hp (26.8 kW) Kubota® 4-cylinder diesel engine, this machine utilizes revolutionary Quad-Steer™ all wheel steering to maximize productivity. Climb hills without slipping. Make 180° turns without tearing turf. Hug the turns or side hills while mowing in total comfort. Save time without sacrificing quality. Intuitive controls and unparalleled maneuverability turn work into play. But this is no toy. It's a performer in every sense of the word. A higher quality of cut, speed and efficiency, lasting dependability. Surprisingly, the world's most exhilarating mower is also the most efficient. The Groundsmaster 360 is the science and the art of mowing, a sensory experience you simply have to feel for yourself.

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8111 Lyndale Ave. S.
Bloomington, MN 55420-1196
Printed in the U.S.A.
rev. 2/14

Call your Toro distributor at 1-800-803-8676

Groundsmaster® 360 Specifications*

	GROUNDSMASTER 360 – 2WD TIER 4 INTERIM DIESEL MODELS 30534(N), 30536(N)	GROUNDSMASTER 360 – 4WD TIER 4 INTERIM DIESEL MODELS 30837(N), 30839(N)	GROUNDSMASTER 360 – CAB TIER 4 INTERIM DIESEL MODELS 30540(N), 30542(N)
ENGINE	Kubota® 1505 4-cylinder, liquid-cooled diesel engine, 36 hp (26.8 kW) @ 3000 rpm. EPA Tier IV Interim Compliant.		
FUEL CAPACITY	13.5 gallons (51.1 liters) diesel. Biodiesel Ready for use up to B-20 (20% biodiesel and 80% diesel blend).		
TRACTION DRIVE	Independent high-torque, low-speed wheel motors with 280 cc displacement.		
	Dual pump hydrostatic drive system with optional differential lock.	CrossTrax® drive system utilizing series parallel hydraulic drive circuit with full time forward and reverse 4WD. Patent pending.	
TIRES	Front & Rear: (All 4 tires and wheels are the same part number) 23/10.5x12 6 ply pneumatic tubeless, demountable and interchangeable. Tread Kenda K500 TL similar to "Toro Tuff Trac".		
AIR CLEANER	Dry, replaceable primary element.		
GAUGES	Hour meter, fuel gauge, indicator lights for glow plugs, high coolant temperature, battery charge, and low oil pressure. Automatic shutdown for high coolant temperature. Two wheel steer lockout indicator light on 4WD units.		
CONTROLS	Ignition switch, hand-throttle, foot-operated traction pedal with mowing speed control stop, service brake with parking brake latch, switch for raising and lowering cutting unit.		
GROUND SPEED	Transport and Mow: Forward 0-14 mph (0-22.5 km/h), variable. Reverse 0-8.5 mph (0-13.7 km/h), variable.		
RADIATOR	Rear mount, cross flow, 6.5 fins per 1" (25 mm), 8 quart (7.6 liter) capacity		
MAIN FRAME	Rectangular structured steel tube and high strength steel plate welded construction.		
BRAKES	Service Brake: Foot pedal with dynamic braking through hydrostatic transmission. Parking Brake: foot actuated brake lever with two 8" (20.3 cm) diameter drum brakes mounted on the rear wheel motors.		
STEERING	Quad Steer™ all wheel steer with four wheel Ackermann steering. Two turns Lock to Lock controlled via steering wheel and automatic synchronizing hydraulic cylinders. 4WD models have rear wheel steer lock out position, providing front two wheel steering (2WS).		
ELECTRICAL	12-volt, 60 amp internal regulated alternator/generator charging @ 3150 rpm. Battery: BCI Group No. 34, 690 cold cranking amps @ 0° F (-17.78° C).		
INTERLOCKS	Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat with deck engaged, engine stops. If operator leaves the seat with the unit out of neutral, engine stops. Engine stops if parking brake engaged and traction pedal not in neutral. High temp (PTO shuts down but engine remains running), Over temp (engine shuts down).		
SEAT	High back cushion vinyl seat with drain hole, deluxe low profile mechanical suspension, 4" (10 cm) fore-aft travel with an additional 44 mm (1.75") foreword adjustment, armrests standard, retractable seat belt, lateral shock absorption.		Grammer low profile air ride suspension, cloth cushions, retractable seat belt, lateral shock absorption.
OPERATOR AREA	Operator platform with isolated operator seat (all models). Storage area behind operator seat, 12-volt power outlet, cup holder.		
HYDRAULICS/COOLING	3 gallon (11.4 liter) capacity, suction spin-on filter mounted to transmission, oil cooler 6.5" x 17"x 3.5" (16.5 cm x 43.2 cm x 8.9 cm). Bar and Plate Core; 6.5 serpentine fins per 1" (25 mm).		
PTO CLUTCH	Hydraulically actuated wet multi disc clutch.		
ROLL-OVER PROTECTION	2 post Standard foldable ROPS certified per ISO/DIS 21299.2 specifications		Cab ROPS certified
ALL-SEASON SAFETY CAB	Factory installed, ROPS certified, pressurized cab with AC and heat. Tempered curved windshield, opening side window, opening rear window, emergency exit side window, tinted side and rear glass; front wiper/washer; interior mirror and exterior side mirrors; SMV sign; interior dome light. **Models 30540, 30541 & 30542 only**.		
FUEL ECONOMY	3.5 acres/gallon (.38 hectares/litre)*, fuel consumption: 1.4 gallons/hr (5.3 litres/h)**		
SAFETY	Complies with American National Standards Institute (ANSI B71.4-2004)		
CERTIFICATION	Certified to meet SAE J2258. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emission standards per the manufacturer. Certified to meet C-Tick 2004/108/EC/(EMC). Certified to meet the CE Machinery Directive.		
WARRANTY	Two year limited		
	DIMENSIONS & WEIGHT WITH CUTTING DECKS		
HEIGHT ROPS UP	78" (198 cm)	78" (198 cm)	86" (218 cm)
OVERALL LENGTH	110" (279 cm)	110" (279 cm) / 117" (297 cm) with front Quick Attach System™ (QAS) only	
OVERALL WIDTH	78" (198 cm) [72" (183 cm) base deck] / 75" (191 cm) [72" (183 cm) side discharge deck] / 55" (140 cm) wheel to wheel		
WHEELBASE	57" (145 cm)		
EST. SHIPPING WEIGHT	2,562 lbs. (1162 kg)	2,658 lbs. (1206 kg)	3,134 lbs. (1422 kg)

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Groundsmaster® 360 Specifications*

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PART NUMBER	GROUNDSMASTER 360 ATTACHMENTS AND ACCESSORIES		
AIR RIDE GRAMMER SEAT	Air ride suspension and vinyl cushions. Model 30511.		
SPARK ARRESTOR KIT	Part No. 119-8018		
SPEED REDUCTION KIT	Model 30547		
ROTATING BEACON KIT	Part No. 120-0256		
BIMINI CANVAS SHADE	Model 30358		NA
UNIVERSAL MOUNT SUNSHADE	Model 30349		NA
FRONT QUICK ATTACH SYSTEM (QAS)	NA	Front Quick Attach System (QAS) with quick connects to PTO coupler and front attachment's hydraulic connections. Model 30509. Electrical accessory kit (PN 115-0019) or Joystick/Electrical Accessory Kit (31219) required.	
V-PLOW	NA	48" (122 cm) wide V-Plow. Model 30750. (V-Plow Mounting Kit 30378 required)	
ROTARY BROOM	NA	Rotary Broom (Supplied by M-B Companies, Model MCT)	
SNOWTHROWER	NA	Snowthrower. Must control with Joystick/Electrical Accessory Kit (31219). (Supplied by Erskine Attachments)	
STRAIGHT BLADE	NA	Straight Blade (Supplied by M-B Companies)	
POWERED V-PLOW	NA	Snow implement combines two useful attachments; V-Plow and Angled Blade Must control with Joystick/ Electrical Accessory Kit (31219). (Supplied by M-B Companies)	
DIFFERENTIAL LOCK	Model 30508	NA	
EU ROAD HOMOLOGATION LIGHT KIT	EU Road Homologation Light KitModel 30512		Model 30516
NORTH AMERICA ROAD LIGHT KIT	Includes headlights, red/amber flashers, turn signals and one rear work light. Model 30513		Model 30517
SMV SIGN KIT	Part No. 115-0014		Included with cab
WORK LIGHT KIT	NA		Part No. 114-6610
WINTER ENCLOSURE	NA	Removable weather-tight enclosure for existing ROPS structure. Heater, wiper, windshield washer and light package. Model 31220.	NA

	CUTTING DECKS
HEIGHT OF CUT	1"-6" (25 - 152 mm) adjustable in 0.25" (6 mm) increments
72" SIDE DISCHARGE CONST.	7-gauge (4.5 mm) 5.5" steel (14 cm) deep; welded deck with grass discharged on the right side. An 5/16" (8 mm) thick rubber discharge chute covers the discharge opening to limit the throw distance of clippings.
72" BASE DECK CONST.	7-gauge (4.5 mm) 4.25" steel (11 cm) deep; welded deck. Requires Guardian® Recycler® or rear discharge completion kit.
FINE CUT GUARDIAN® COMPLETION KIT	Three deflectors inside the chamber redirect clippings that are elevated in the chambers so that they are cut and re-cut. Deck chambers prevent throwing of objects out from deck.
SPINDLE ASSEMBLY	Ductile cast iron 9" (23 cm) diameter conical spindle housing; Dual greaseable tapered roller bearings; Spindle shaft is 1.25" (3.2 cm) diameter, solid cold finished steel, and splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups.
CUTTER DRIVE	Isolation mounted, splined PTO-driven gearbox transfers power to three separate spindles via two separate "B" section belts.
BLADES	Three 0.25" (6 mm) thick, 2.5" (63 mm) wide, heat-treated steel blades.
DECK SUSPENSION	Frame which supports deck via 4 vertically suspended chains. Front drag links provide fore/aft and left/right stability. Hydraulic deck lift includes load holding check valves and gravity lower. Weight transfer system consisting of two torsion springs counterbalances some cutting deck weight to reduce turf damage.
BELT IDLER	Spring loaded (torsion) idler.
DECK SKID	Replaceable, bolt-on, non-marking UHMW skid on both sides for Base decks and on left side on side discharge decks. Interchangeable left to right on base decks.
ANTI-SCALP CUPS	Anti-scalp cup located on each blade spindle.

	DECK OPTIONS	
WIDTH OF CUT	Base: 72" (183 cm) with Guardian® kit, fine cut Guardian kit, or rear discharge kit	Side Discharge: 72" (183 cm)
BLADE TIP SPEED @ 3250 ENGINE RPM	16,000 ft ± 1,000 ft./min (4877 m ± 305 m/min)	18,000 ft ± 1,000 ft./min (5486 m ± 305 m/min)
RUBBER DISCHARGE CHUTE	NA	Yes, 5/16" (8 mm) thick
CUTTING DECK DEPTH	4.25" (108 mm)	5.5" (140 mm)
DECK ANTI-SCALP ROLLERS	4	5
BUMPER SKIDS	2	1

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	CUTTING DECK SPECIFIC ACCESSORIES FOR 72" SIDE DISCHARGE DECK (NON-CE)		
RECYCLER KIT	Model 30347		
LEAF MULCHING KIT	Part No. 108-5273		
MEDIUM FLOW BLADE	Part No. 110-0621-03		
HIGH FLOW BLADE	Part No. 110-0622-03		
ATOMIC MULCHING BLADE	Part No. 110-0624-03		
BLADE AND BELT KIT	Part No. 105-7272		
	CUTTING DECK SPECIFIC ACCESSORIES FOR 72" BASE DECK		
COMPLETION KITS (BLADES & BAFFLES)	72" Fine Cut Guardian recycler completion kit – Model 30346, 72" Guardian recycler completion Kit – Model 30304, 72" rear discharge completion kit – Model 30549		
STANDARD BLADE	Part No. 108-1958		
FLAT BLADE	(72" Rear Discharge Guardian Deck Only) Part No. 112-9586		
TALL GRASS BAFFLE KIT	Improves cut of tall grass with seed heads. Part No. 105-7269		
STANDARD BLADE & BELT KIT	Part No. 105-7271		

	100" CUTTING DECK, MODEL 31101
HEIGHT OF CUT	1"-5" (25 - 127 mm) adjustable in 0.25" (6 mm) increments
WIDTH OF CUT	100 in (254cm), by five blades
DECK CONSTRUCTION	Center deck with two wing decks; Welded .120" (11 gauge) high strength steel with steel .180" (7 gauge) stiffener plates and .1046" (12 gauge) chambers.
DISCHARGE	Rear Discharge – complete width of deck.
WING DECK ARTICULATION	15 degrees, up or down.
SPINDLE ASSEMBLY	Ductile cast iron 9" (23 cm) diameter conical spindle housing; Dual greaseable tapered roller bearings; Spindle shaft is 1.25" (3.2 cm) diameter, solid cold finished steel, and splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups.
CUTTER DRIVE	Isolation mounted, PTO driven gearbox with 1.25:1 spiral bevel gears. "B" section belt drive to all spindles.
BLADES	Wing Decks: 25.2" (64cm) long,.25" (6mm) thick, 2.5 (63mm) wide, heat treated steel blade in each wing; Center Deck: Three 18"(45.7cm) long, .25" (6mm) thick, 2.5" (63mm) wide, heat treated steel blades.
BLADE TIP SPEED	16,000 ± 1,000 ft/min at 3250 engine rpm
DECK SUSPENSION	Center deck is supported via 4 vertically suspended chains to the frame of the machine. Wing decks are supported by pin connections to center deck and castor wheels on the ground. Hydraulic deck lift includes load holding check valves and gravity lower.
CASTOR WHEELS	Four 8 x 3.50-4, 4-ply, smooth, pneumatic, sealed precision ball bearings. Tensioning caps, made from impact modified thermoplastic alloy, are used to hold the castor wheels on the castor arms.
BELT IDLER	Fixed and spring loaded idlers.
DECK SKID	Replaceable, bolt-on, non-marking UHMW skid on both sides.
DECK ANTI-SCALP ROLLERS	5
ANTI-SCALP CUPS	Anti-scalp cup located on each blade spindle.
DECK COVERS	Steel and plastic with rubber latch connectors.
CUTTING DECK DEPTH	4.25" (108 mm)
WING DECK TRANSPORT LOCKS	Manual latches (standard)
WEIGHT	Approximately 790 lbs (358 kg)
WIDTH	Mow: 108" (274 cm) Transport: Overall width with wing decks raised: 88 in (223.5 cm); center deck is 54.5 in (138.4 cm) wide and 5" (12.7 cm) off ground when raised.
REQUIRED EQUIPMENT	Specific completion kit for each Groundsmaster 360 model with > 32hp engine. Check with Toro Distributor for details
OPTIONAL ACCESSORIES	Leaf Mulching Kit (Model 31105) Availiable in July 2014
CERTIFICATION	Cutting unit meets specification of American National Standard ANSI B71.4-2012, Safety Specifications for commercial turf care equipment. Cutting unit meets specifications of European standard prEN836, CE approved.
MOWING RATE	Mow up to 8.0 acres/hr (3.2 hectare/hr) at 8 mph (12.9 km/hr). Assumes no overlap and 100% efficiency.
WARRANTY	Two year limited

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Groundsmaster® 360 Attachments Specifications*

	SNOWTHROWER, ERSKINE MODEL 1600**
STAGE	2
WIDTH OF CUT	53" (135 cm)
CUTTING HEIGHT	22" (56 cm)
CUTTING EDGE	51" (130 cm) bolt-on
SKID SHOES	Adjustable/Hardened
AUGER DIAMETER	12" (30 cm) open flight
FAN DIAMETER	16" (41 cm)
CHUTE ROTATION	Hydraulic
SHEAR PROTECTION	Pressure relief
CASTING DISTANCE	Up to 25' (7.62 m)
APPROXIMATE SHIPPING WEIGHT	418 lbs. (190 kg)
HOSES	Included

	PRO FORCE® DEBRIS BLOWER, MODEL 44547
TRACTION UNIT	Works with Groundsmaster 360 4WD models only
TYPE	Turbine debris blower. PTO Shaft-driven off the engine.
QAS MOUNT	Front Quick Attach System (QAS) 30509, required.
NOZZLE ROTATION	245 degrees
OPERATION HEIGHT	Adjustable, 4.5" to 8.5" off the ground.

	ROTARY BROOM, M-B MODEL MCT***
TYPE	**MECHANICAL** Windrow type, front mounted mechanical drive broom. Hydraulic angling, 30 degrees left and right.
SWING	Swing pivot point inline with 50 degree CV joint
BROOM SIZE	25" (63.5 cm) diameter brush, 60" (152 cm) width.
BRUSH	Sectional brush with choice of polypropylene, wire or combination radial segments.
SHIPPING WEIGHT	60" Broom: 500 lbs., (227 kg).
OPTIONS	Hydraulic Swing Cylinder, Electric Swing Mechanism, Dirt Deflector, Storage Stands.

	V-PLOW, MODEL 30750
CUTTING WIDTH	48" (121.9 cm)
HITCH/MOUNT	V-Plow Mounting Kit 30757 required for installation.
CONSTRUCTION	All welded steel.

	STRAIGHT BLADE, M-B MODEL DOZER BLADE***
BLADE	Heavy-duty 10-guage formed plate 60" (152.4 cm)
CUTTING EDGE	3/8"x 4"x 60" (.95 cm x 10.2 cm x 152.4 cm) high carbon steel bar; reversible
ANGLING	0-30 degrees infinitely left & right hydraulically operated
WIDTH	60" (152.4 cm)

	POWERED V-PLOW, M-B MODEL V-PLOW**
CONFIGURATION	This implement combines two useful snow attachments, V-plow and angled blade, into one.
ANGLING	0-30 degrees, left and right, hydraulically
BLADE WIDTHS	Straight – 57.5" (146 cm) "V" – 50" (127 cm) Scoop – 48.25" (123 cm) Angled – 61" (155 cm)
BLADE HEIGHT	23" (58 cm)
CUTTING EDGE	Bolt-on, trip edge
SKID SHOES	Adjustable, cast-hardened

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**Manufactured by Erskine. Attachment model ES1600. The Toro Company does not manufacture or sell the snowthrower, nor does Toro guarantee these accessories in any manner whatsoever.

***Manufactured by M-B Companies, Inc.